

FIG. 1A  
PRIOR ART

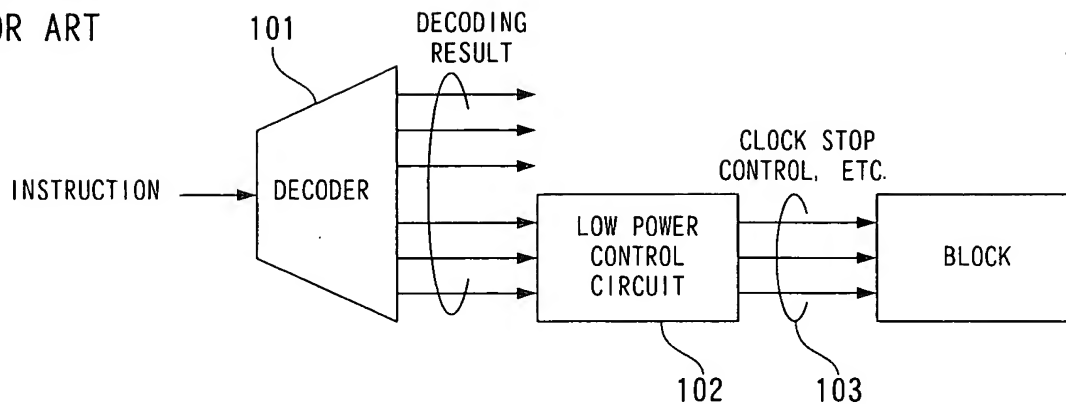


FIG. 1B  
PRIOR ART

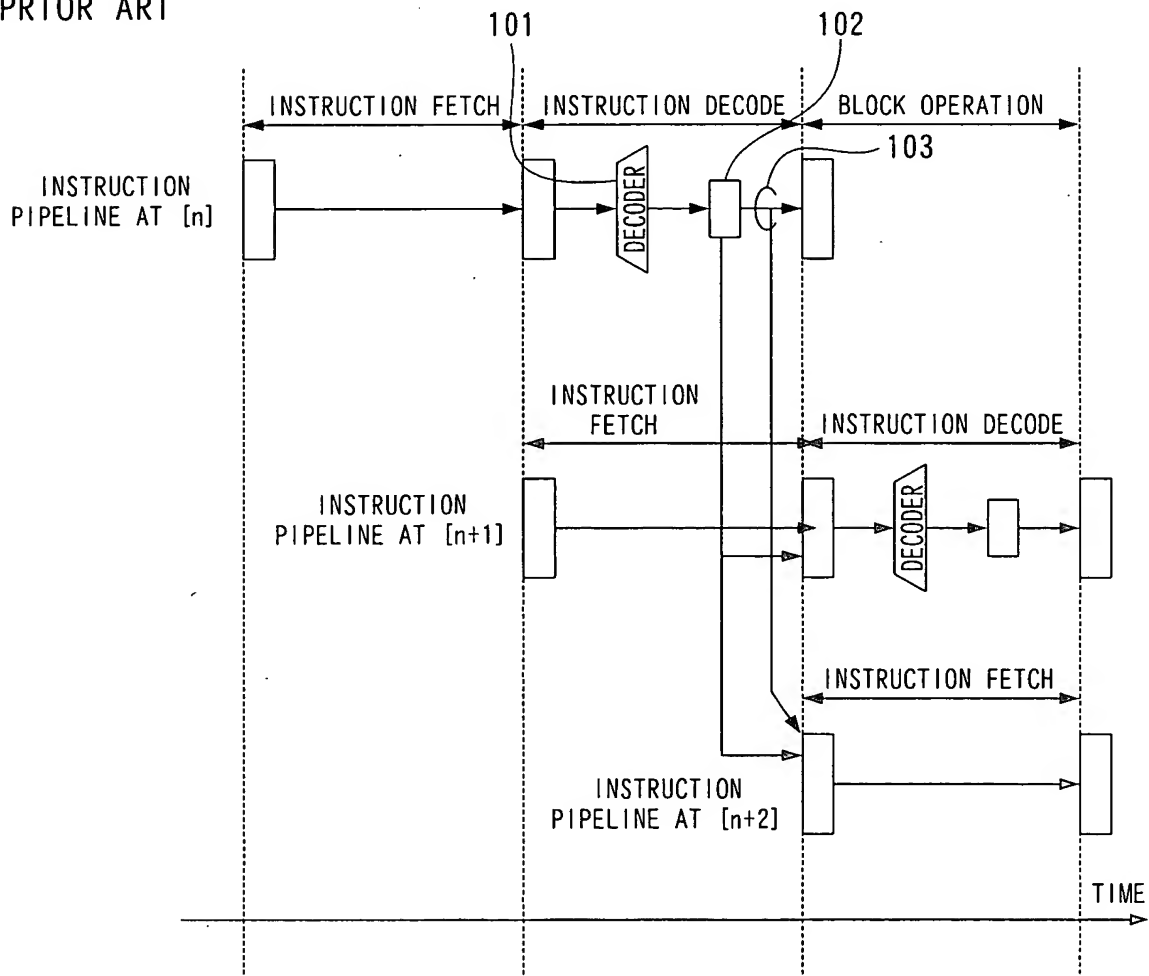


FIG. 2A  
PRIOR ART

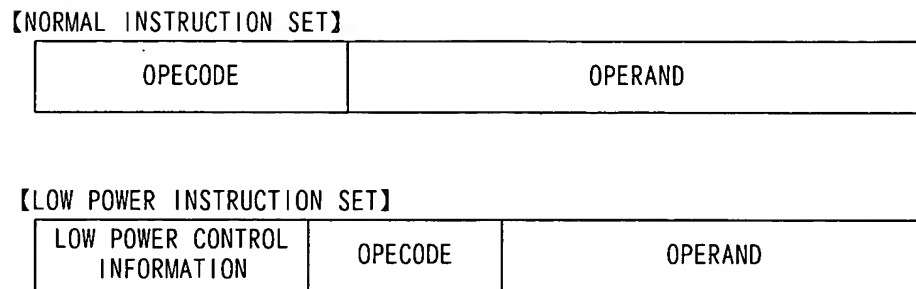


FIG. 2B  
PRIOR ART

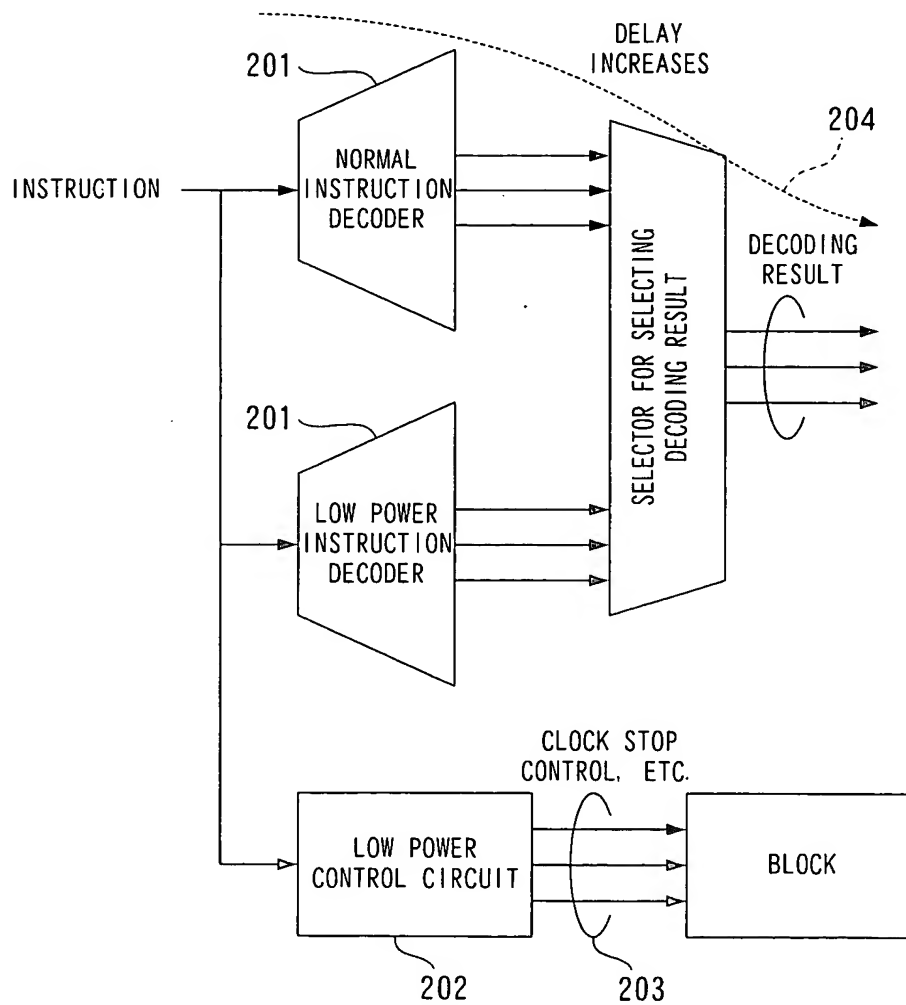


FIG. 3  
PRIOR ART

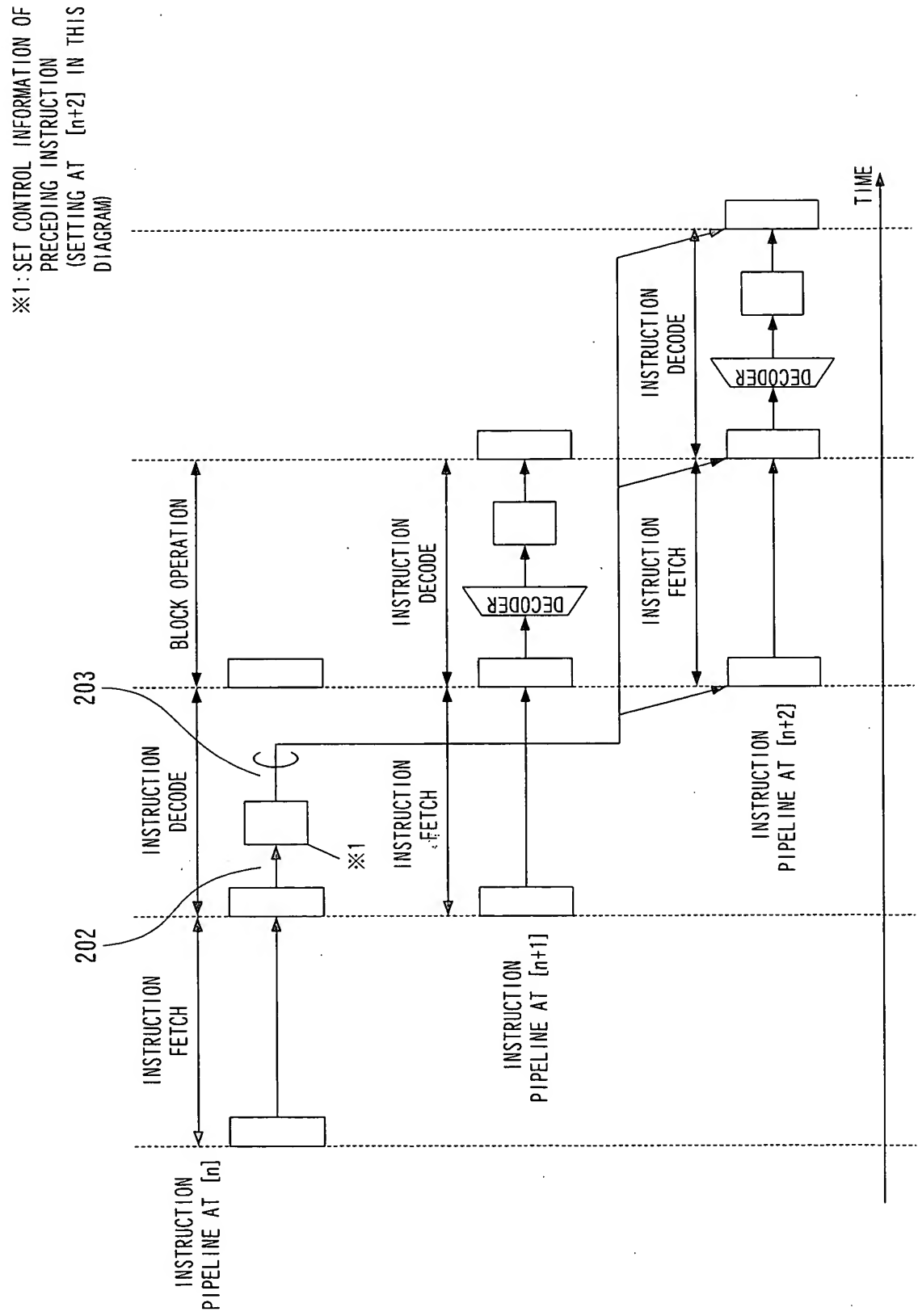


FIG. 4A

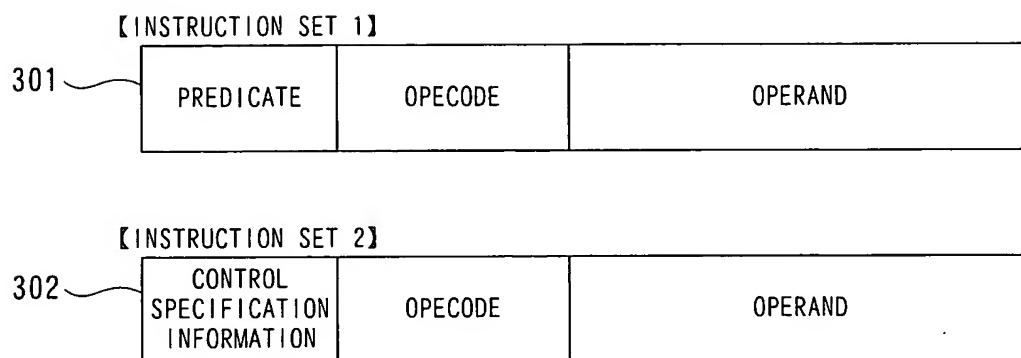


FIG. 4B

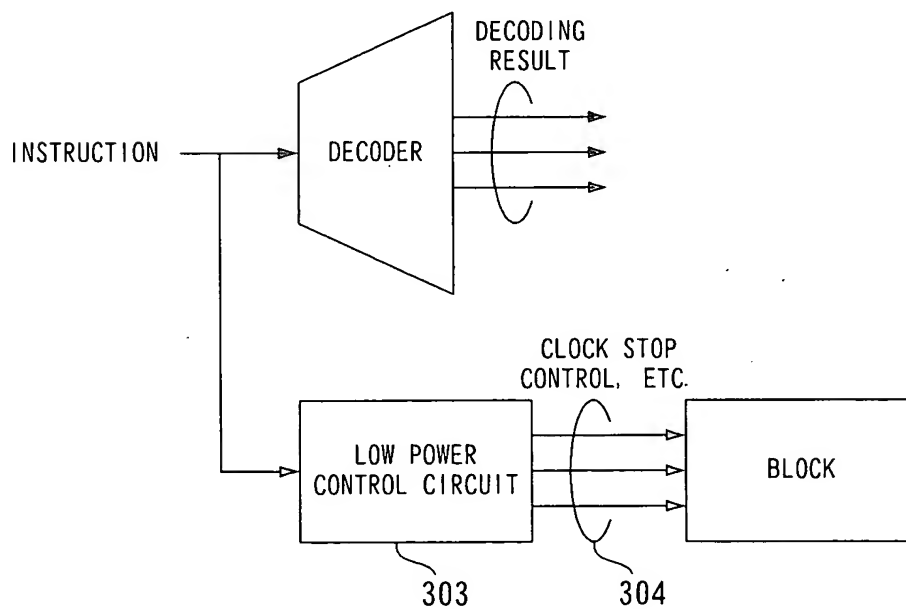


FIG. 5

※1: SET CONTROL INFORMATION OF  
PRECEDING INSTRUCTION  
(SETTING AT [n+2] IN THIS  
DIAGRAM)

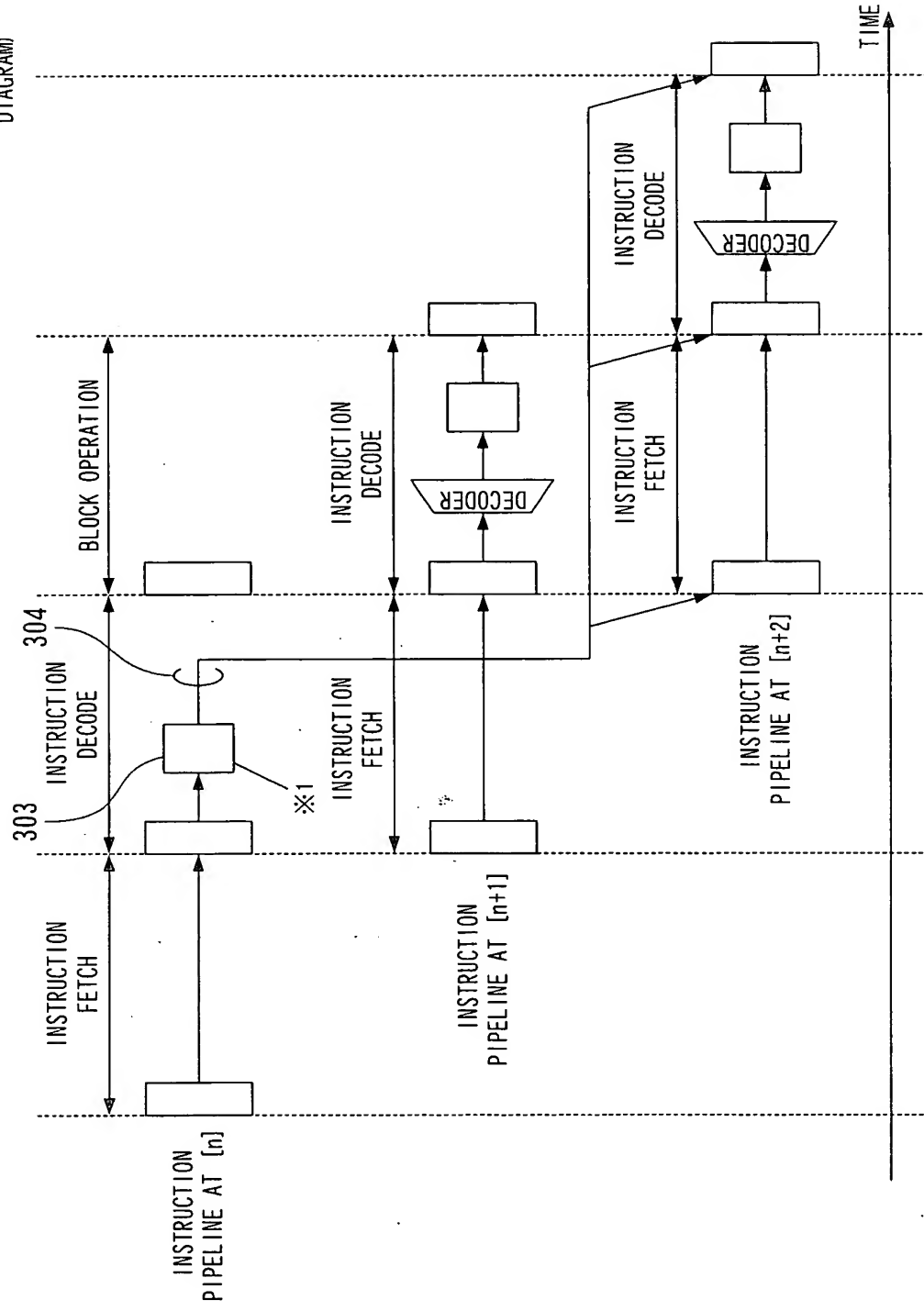


FIG. 6

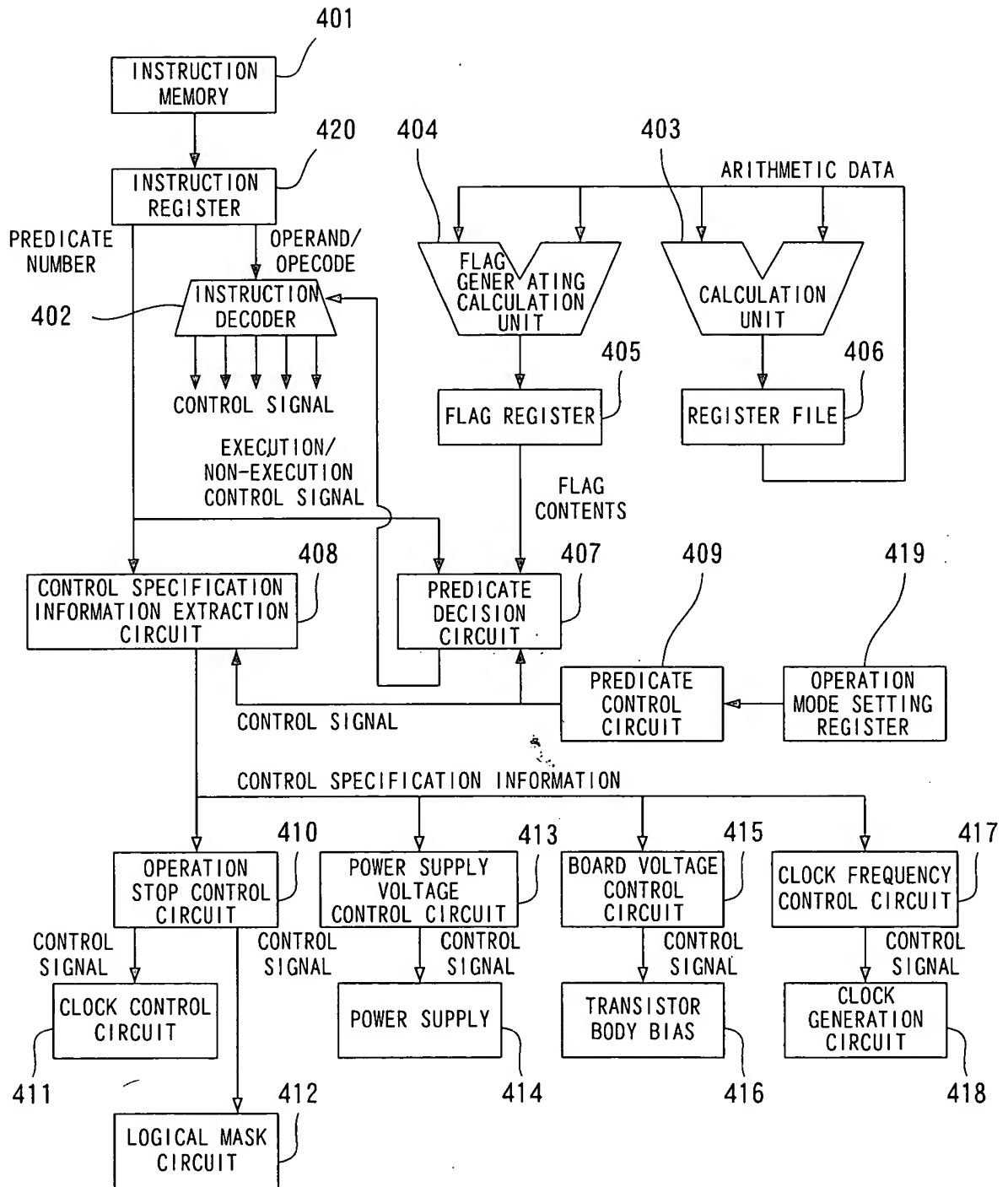
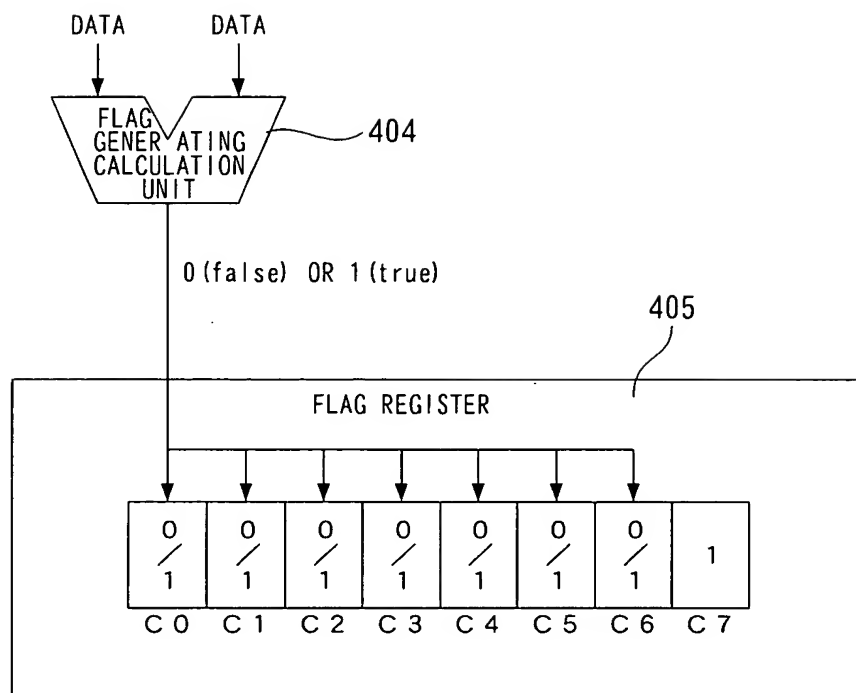
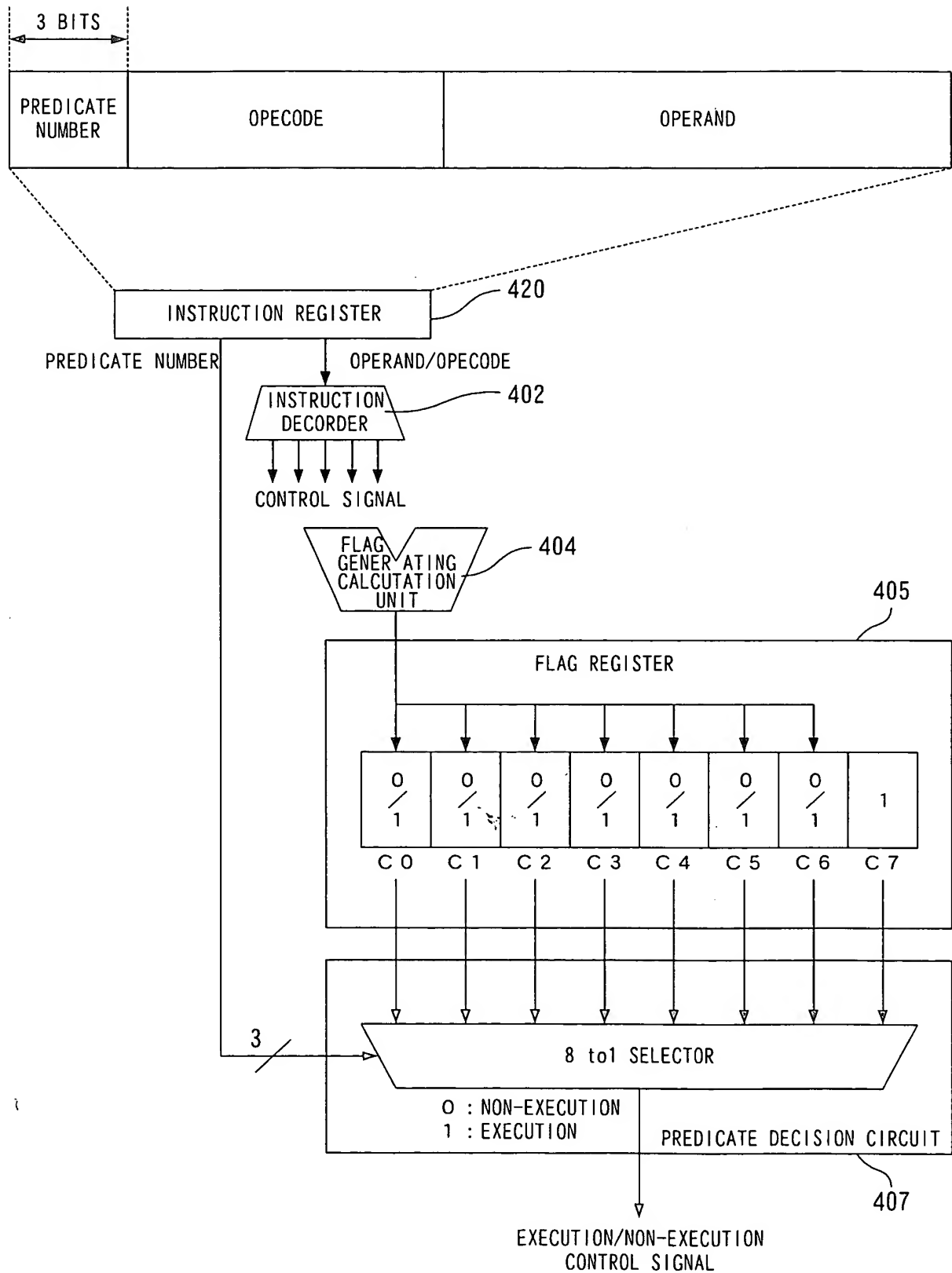


FIG. 7

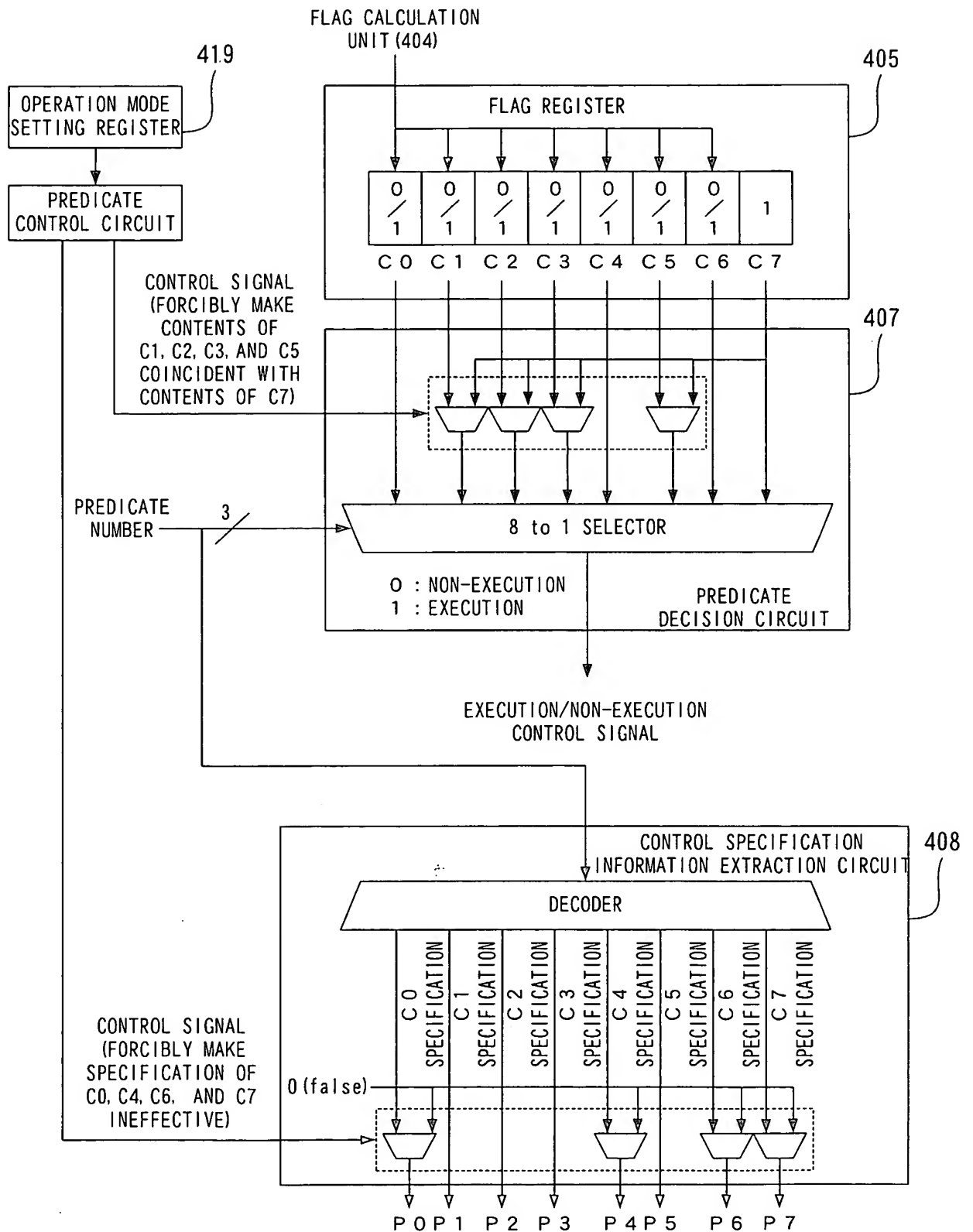


# FIG. 8

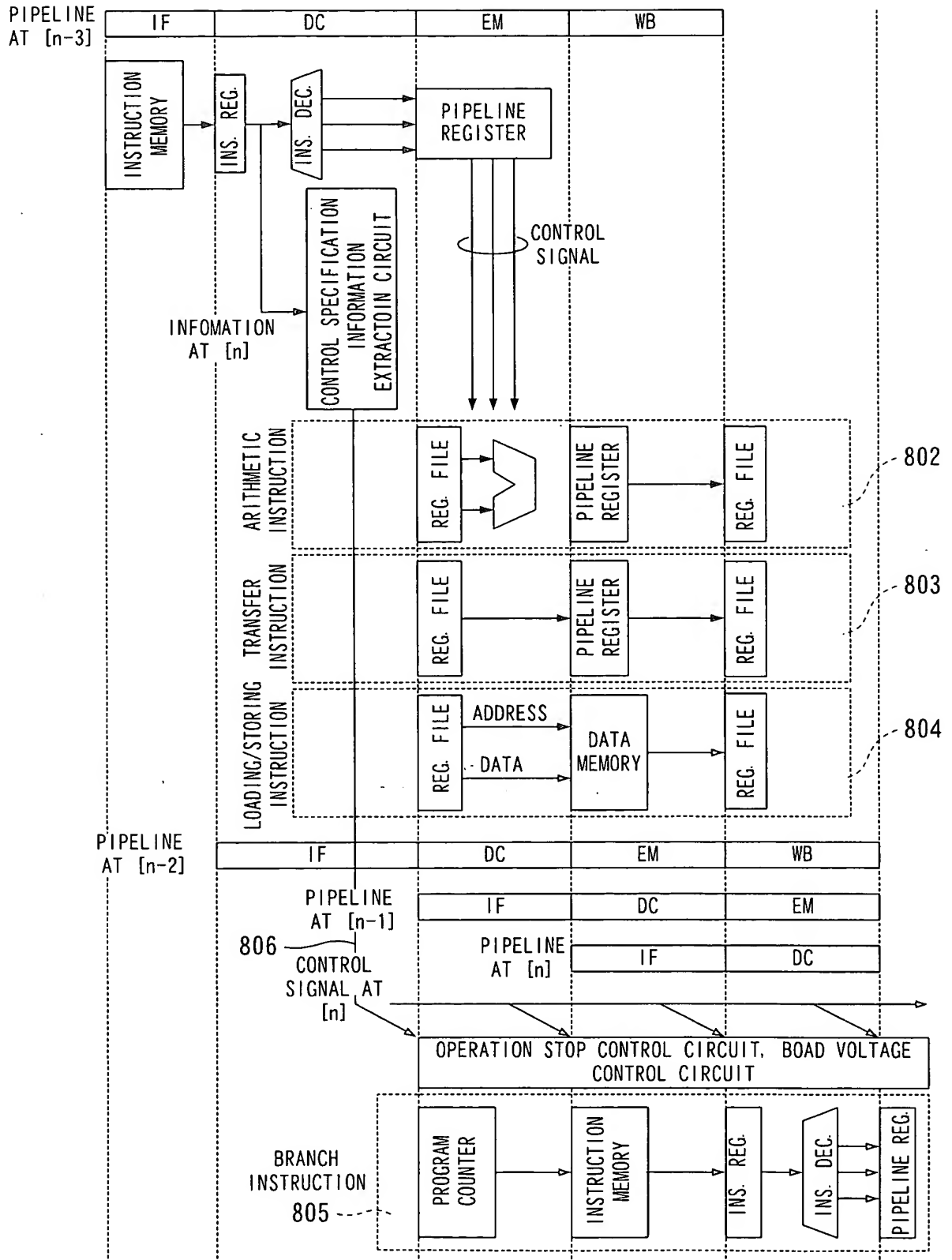




# FIG. 9



# FIG. 10



# FIG. 11

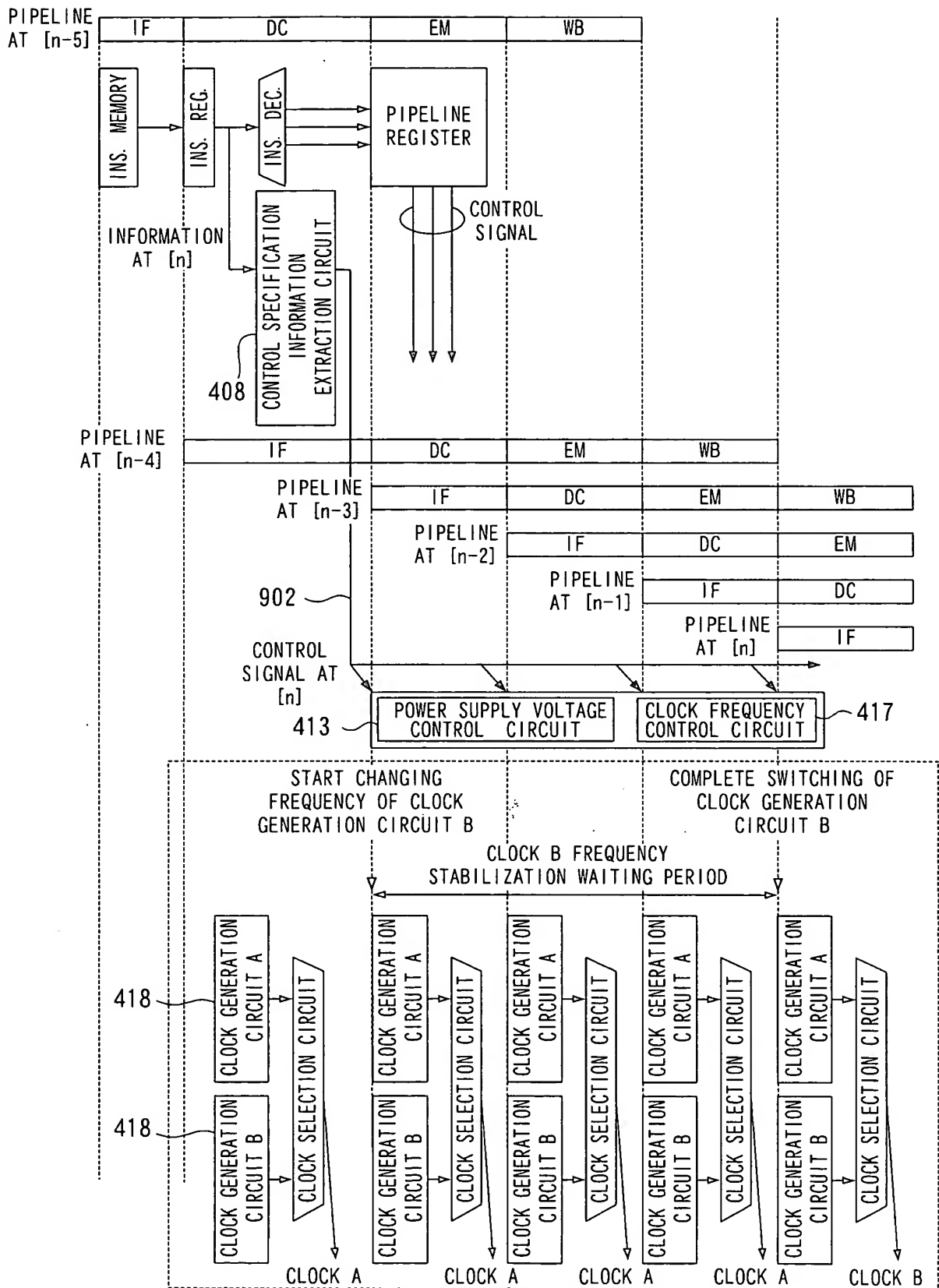
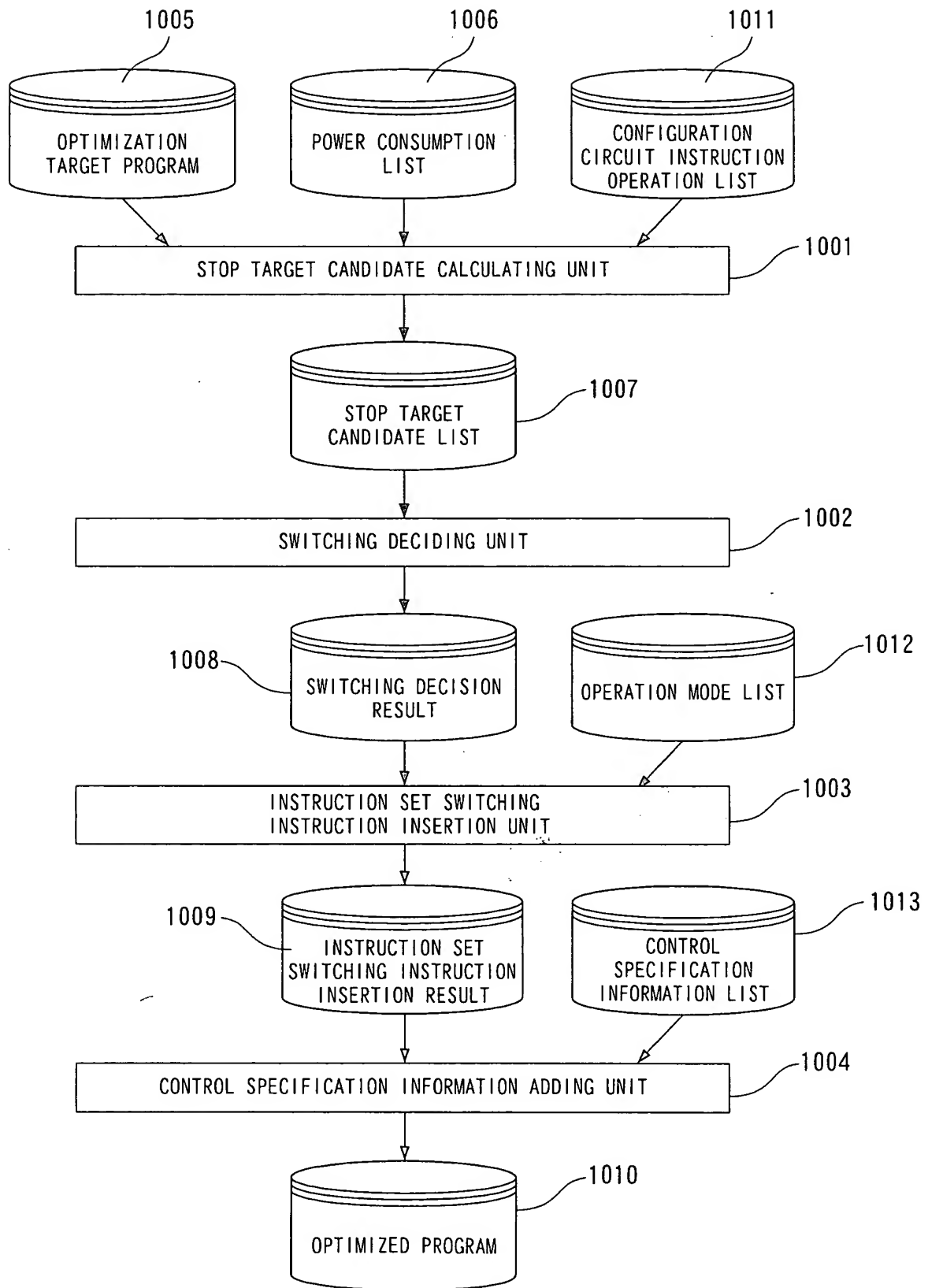


FIG. 12



# FIG. 13

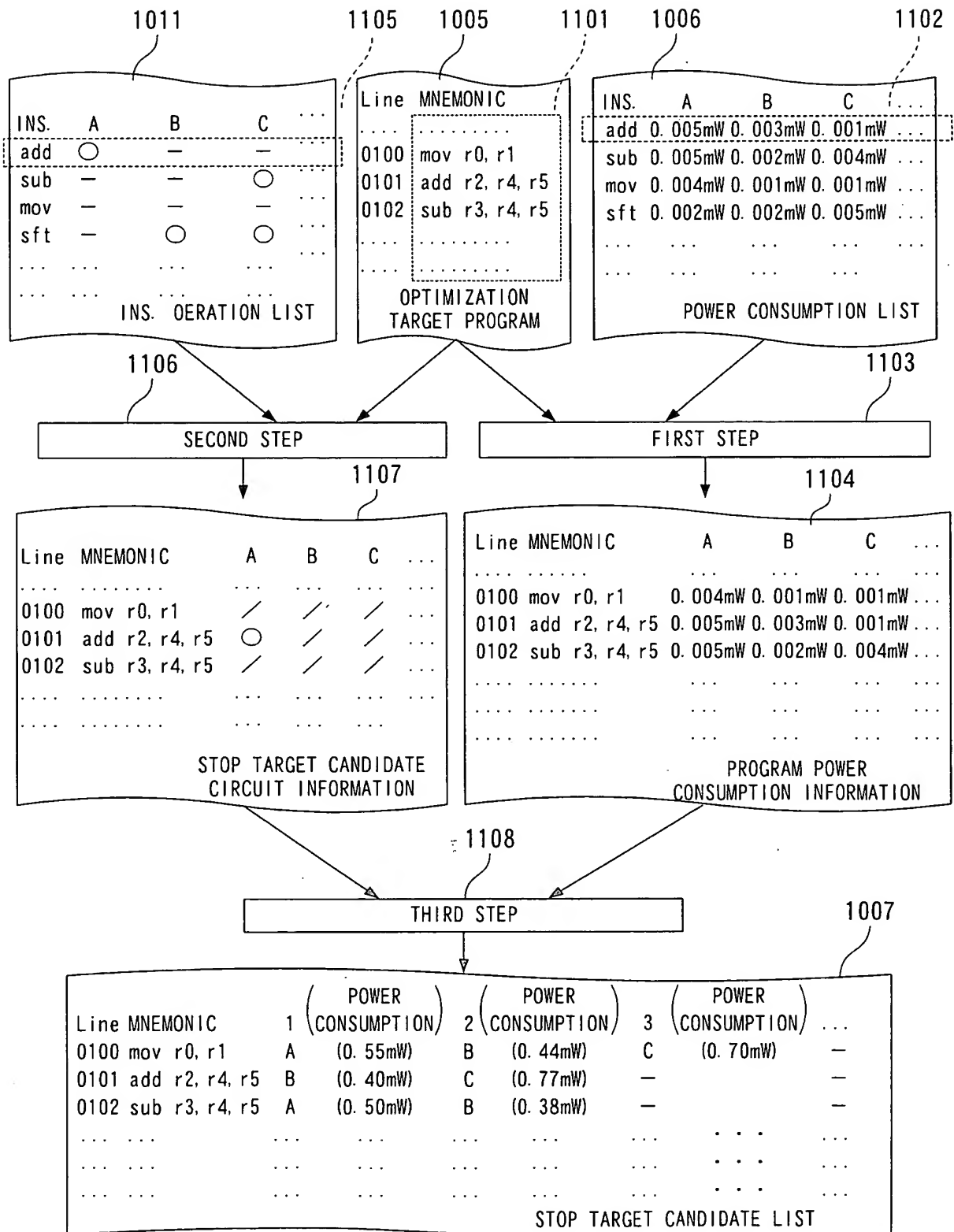
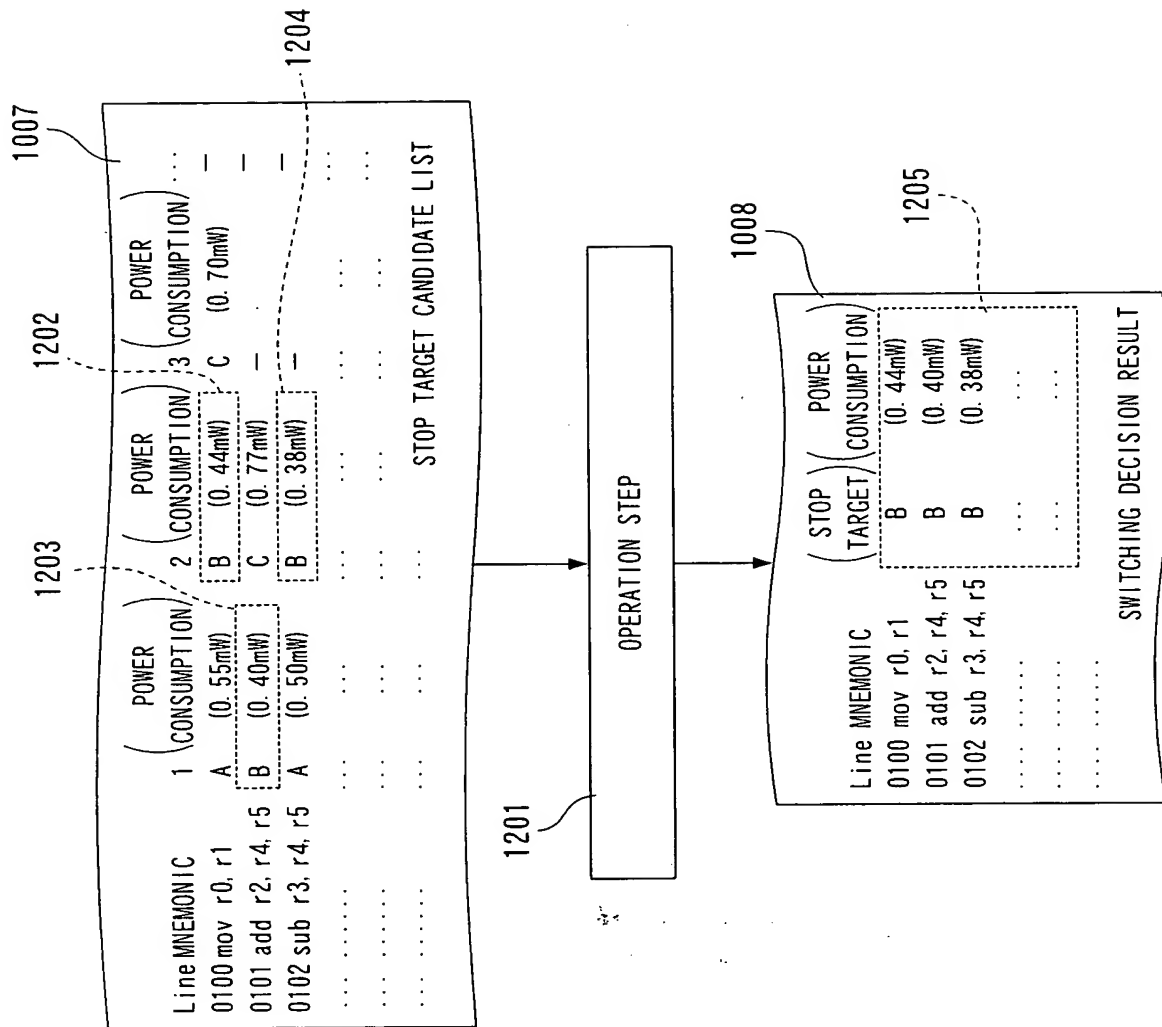
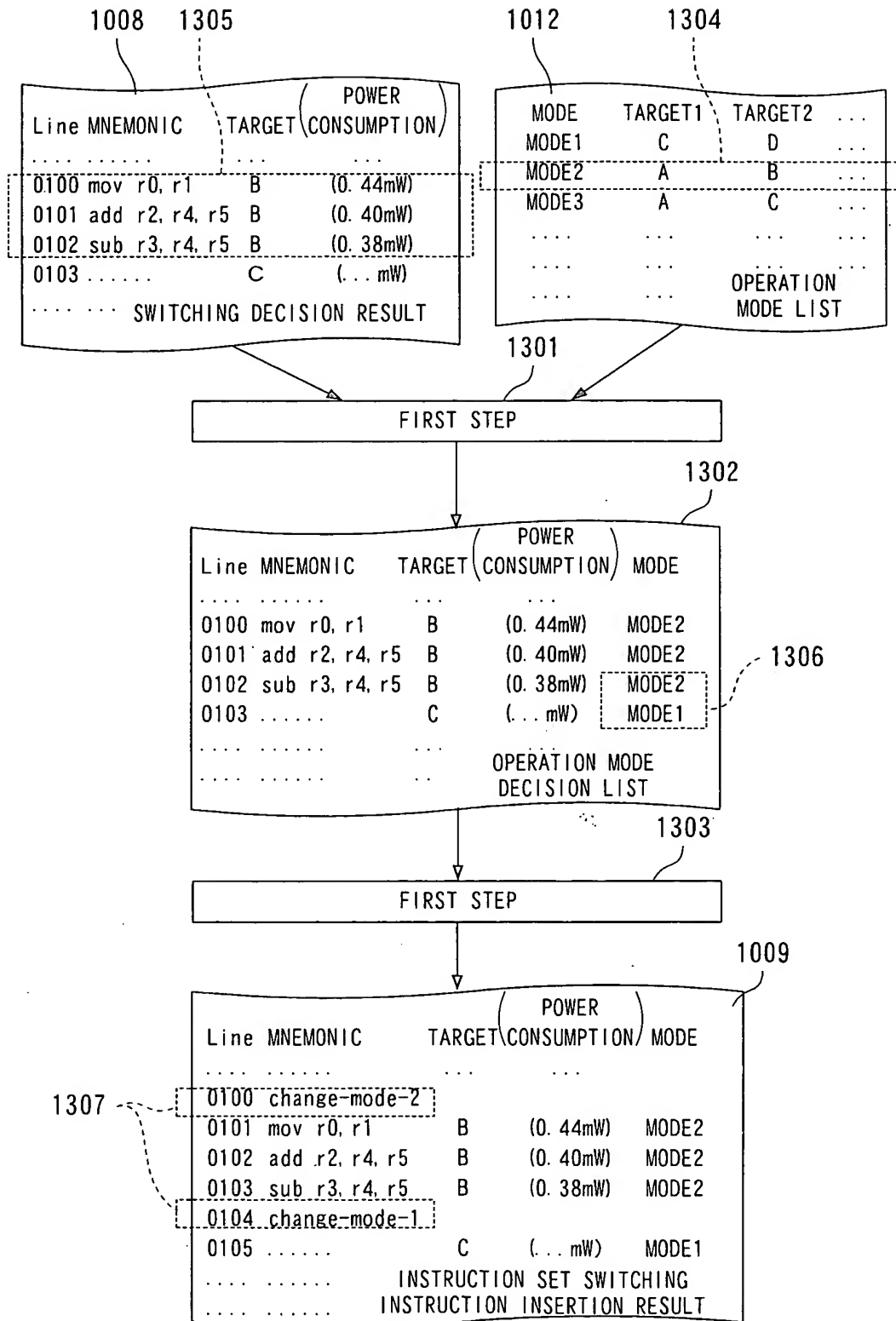


FIG. 14



# FIG. 15



# FIG. 16

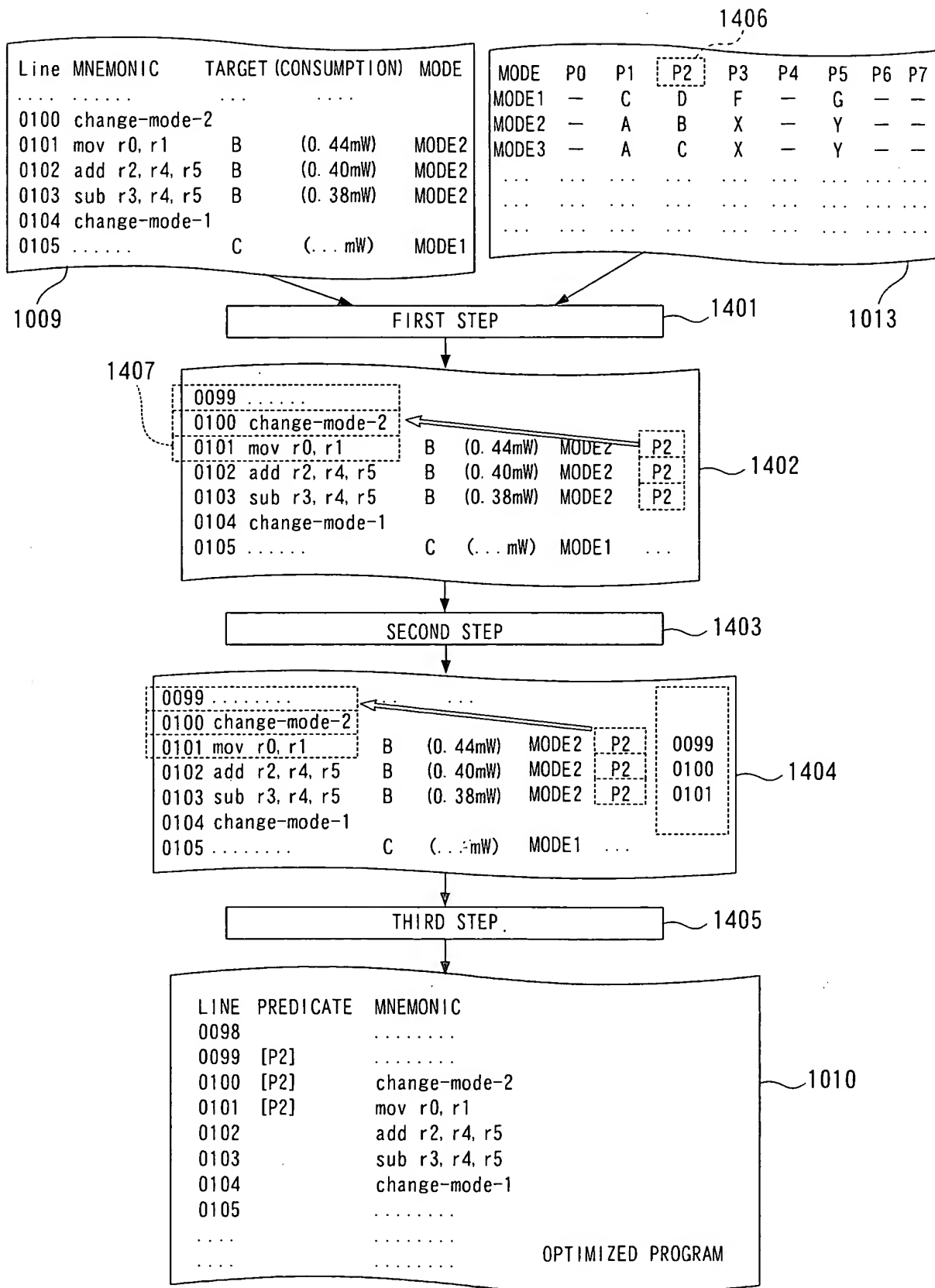
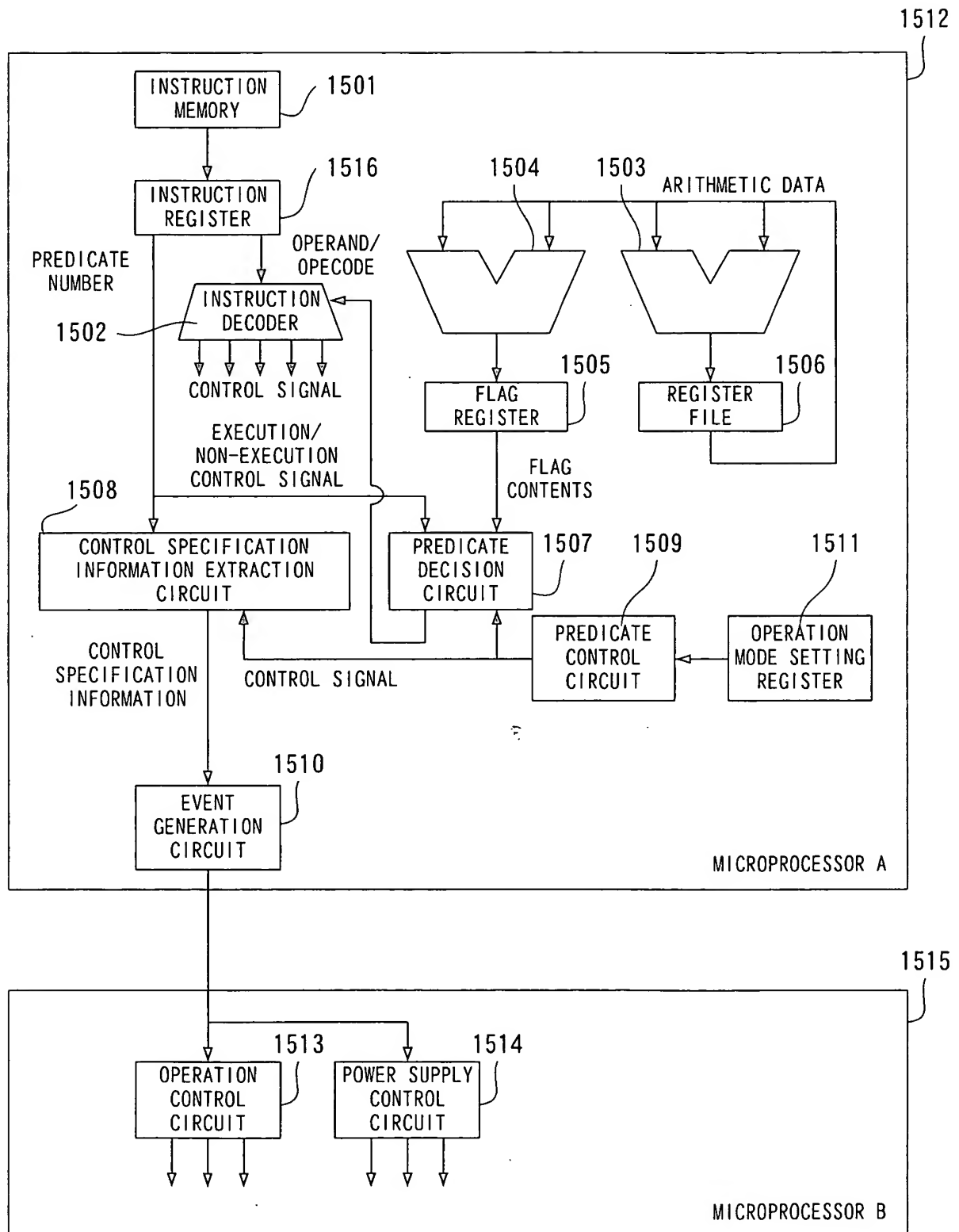




FIG. 17



# FIG. 18

PIPELINE AT [n-5]  
(MICROPROCESSOR A)

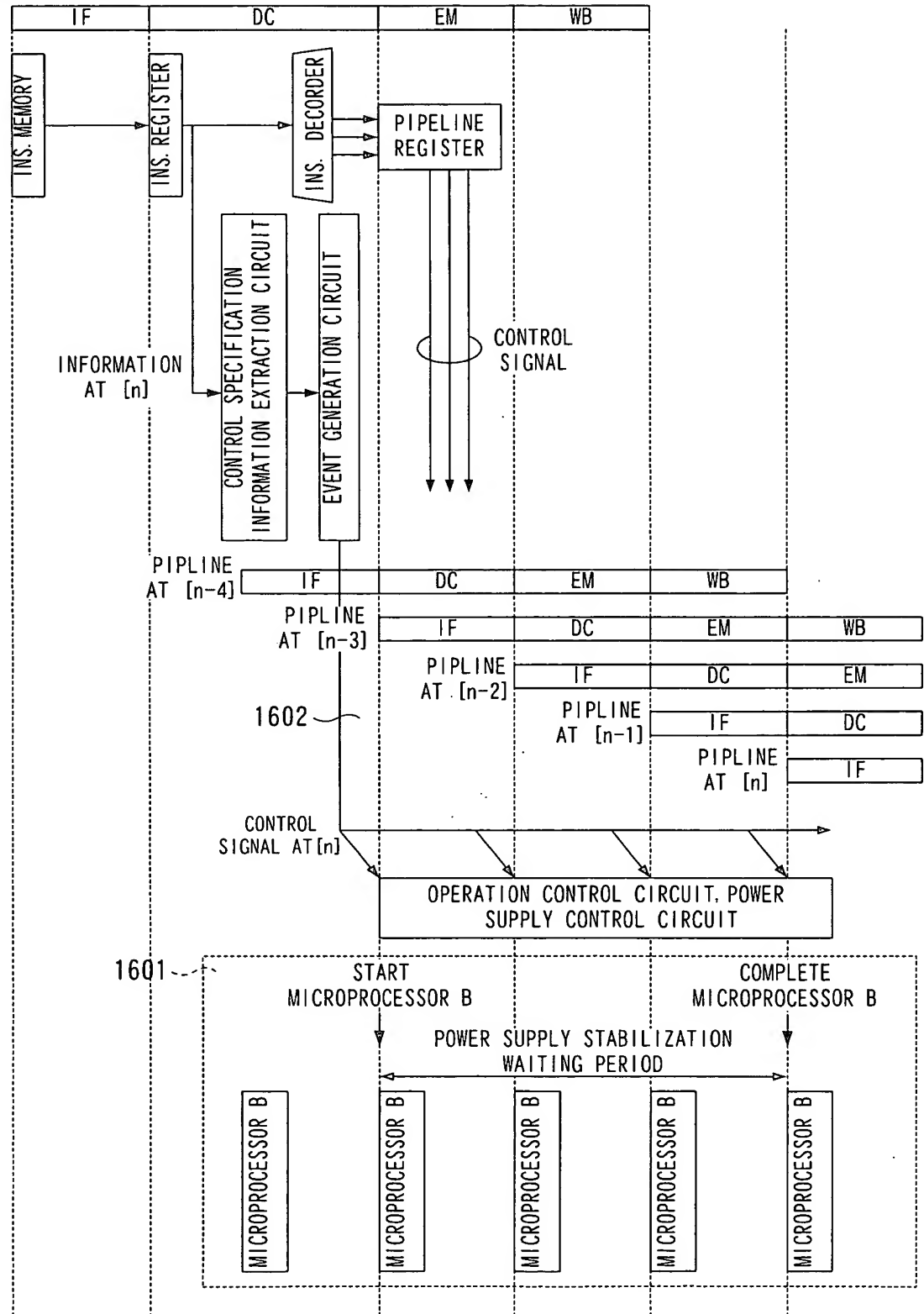
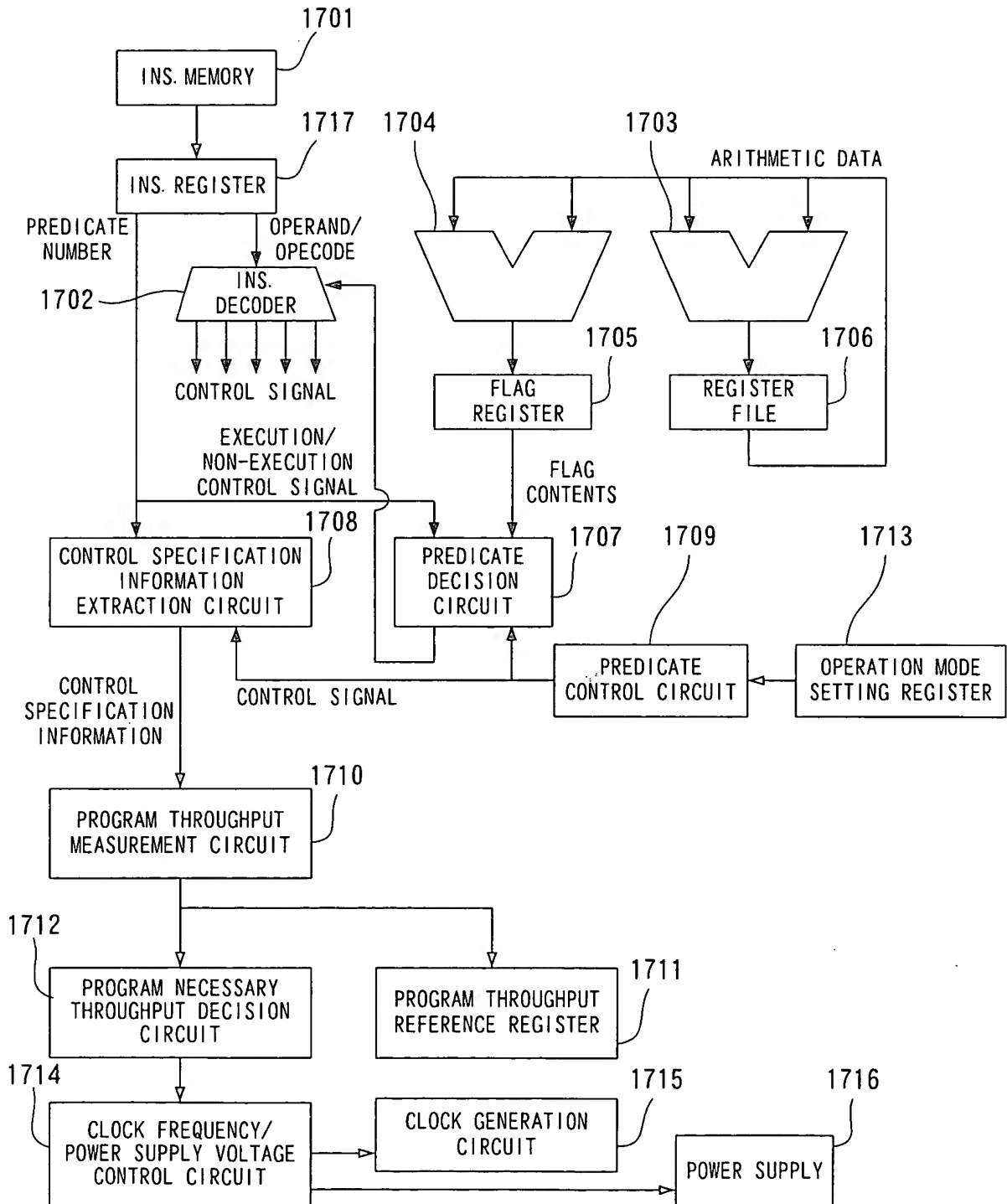


FIG. 19



# FIG. 20

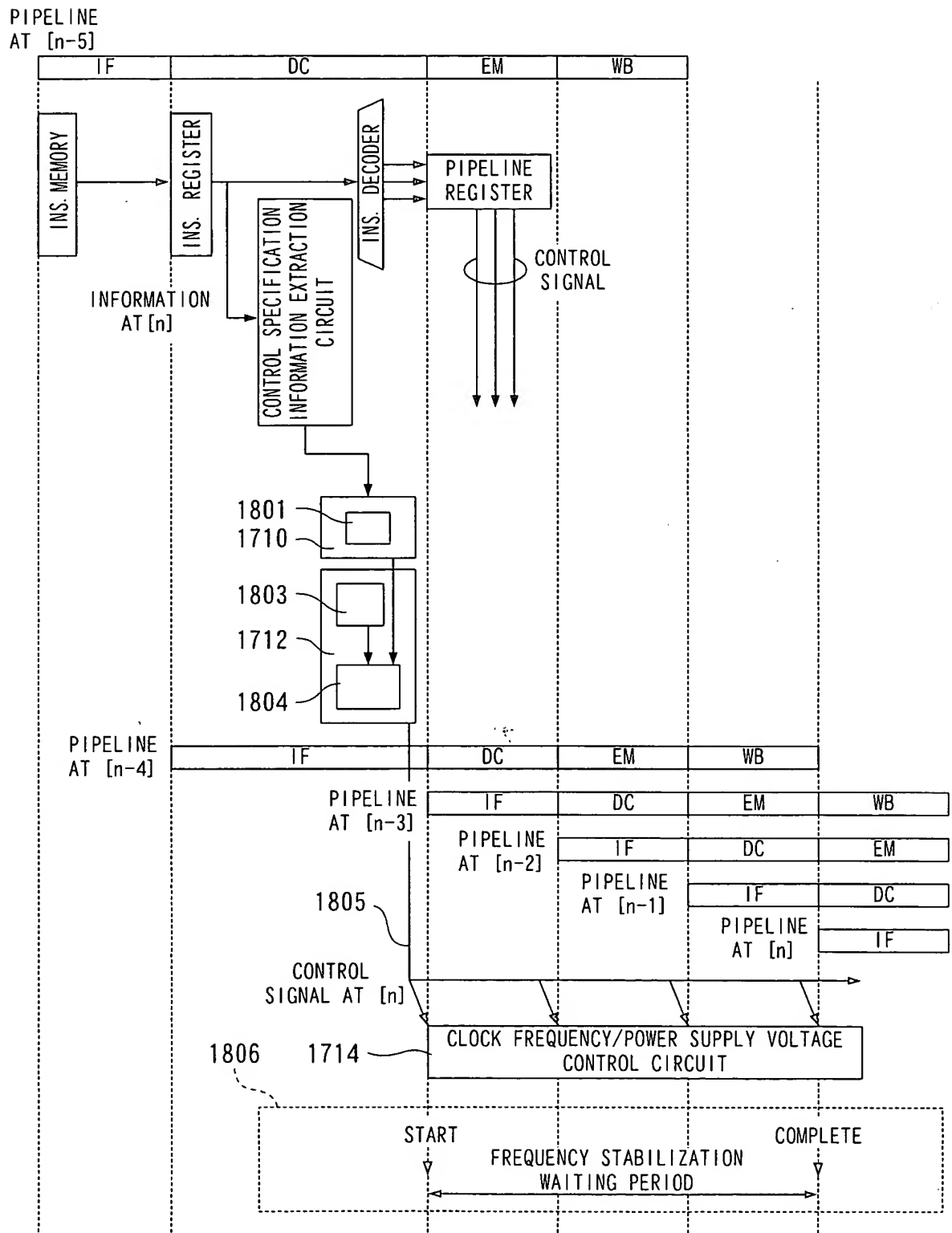


FIG. 21A

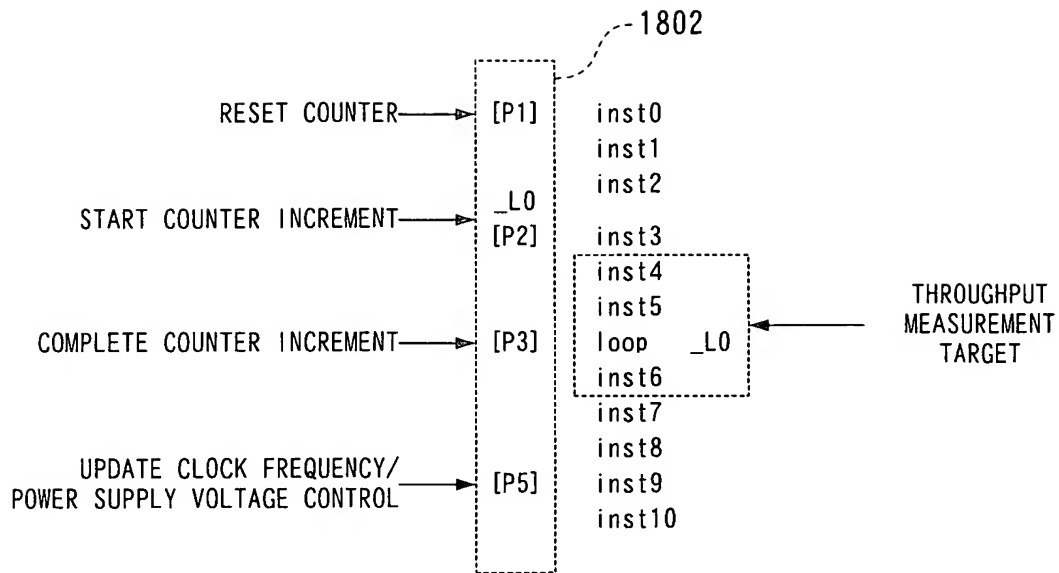


FIG. 21B

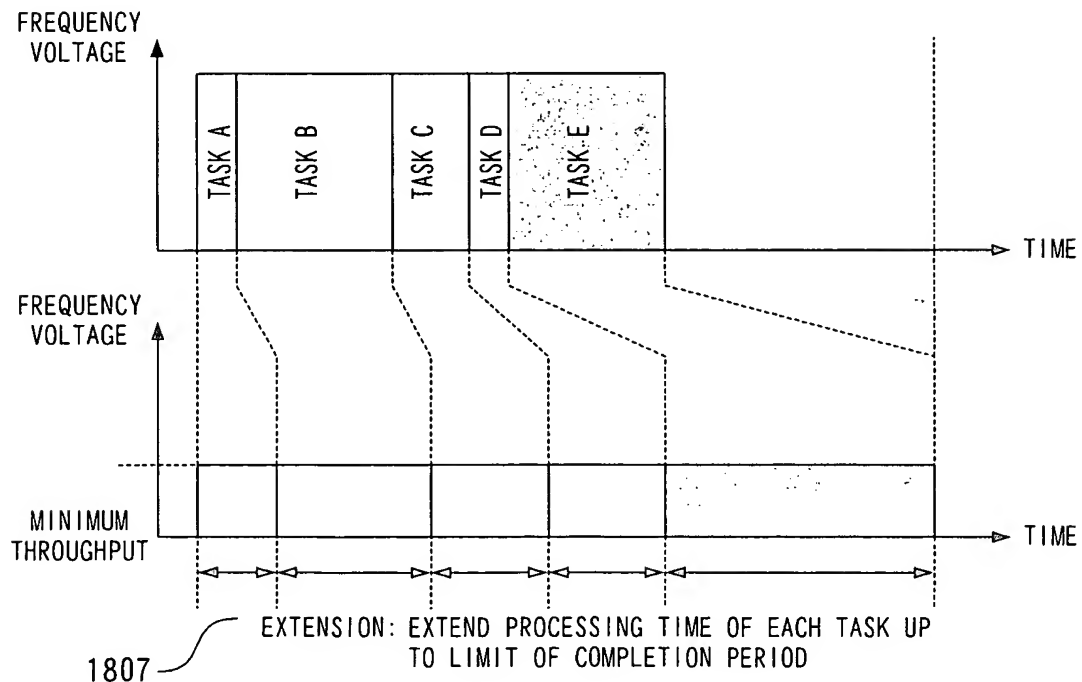


FIG. 22A

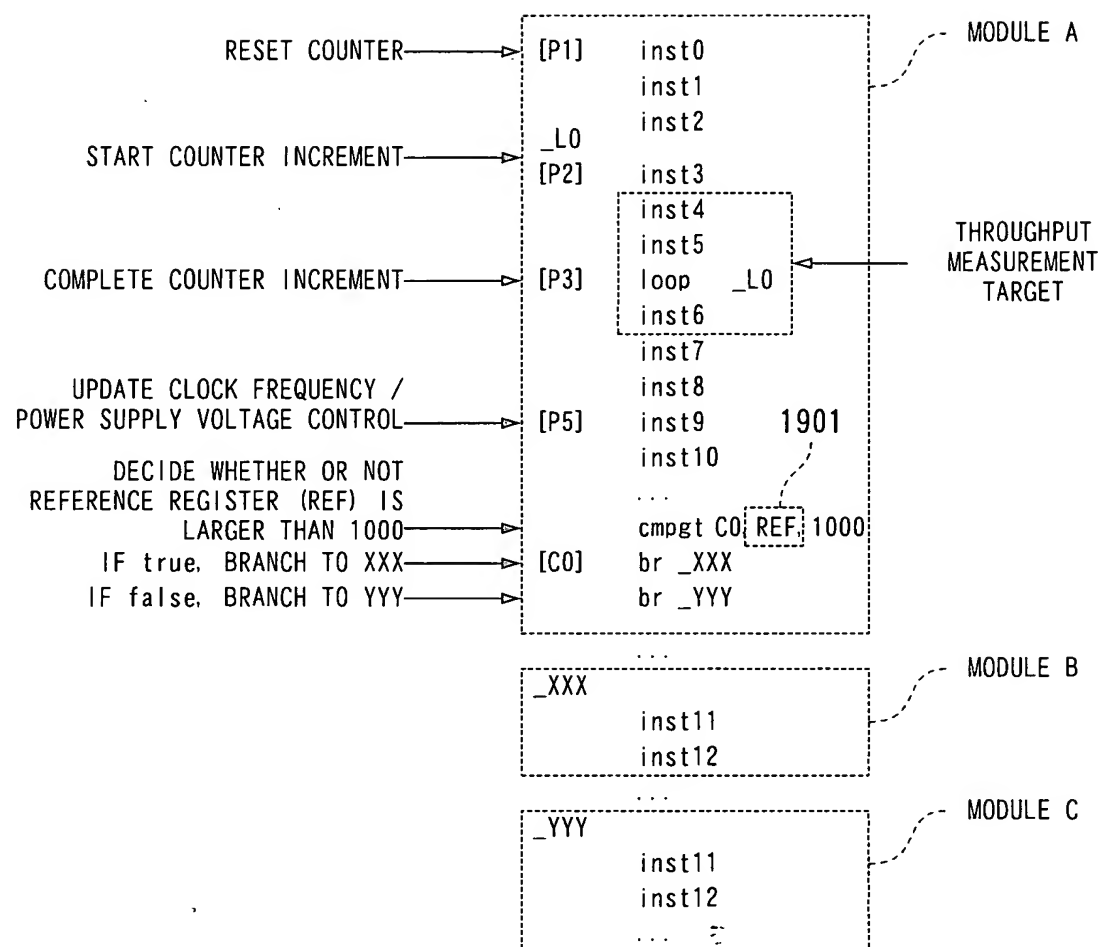


FIG. 22B

PROGRAM HAVING  
NORMAL PREDICATE

[C0] inst0  
[C1] inst1  
[C1] inst2  
[C2] inst3  
[C2] inst4  
[C0] inst5  
[C0] inst6  
[C3] inst7  
[C3] inst8  
[C5] inst9  
[C5] inst10

PROGRAM FOR  
DECIDING THROUGHPUT

[C0] inst0  
[P1] inst1 ← THROUGHPUT MEASUREMENT TARGET  
[C1] inst2  
[P2] inst3 ← THROUGHPUT MEASUREMENT TARGET  
[P2] inst4 ← THROUGHPUT MEASUREMENT TARGET  
[P0] inst5 ← THROUGHPUT MEASUREMENT TARGET  
[P0] inst6 ← THROUGHPUT MEASUREMENT TARGET  
[C3] inst7  
[P3] inst8 ← THROUGHPUT MEASUREMENT TARGET  
[P5] inst9 ← THROUGHPUT MEASUREMENT TARGET  
[C5] inst10